

ABSTRACT OF THE DISCLOSURE

A memory function body 113, which includes a plurality of silver particles 103 covered with silver oxide 104, is interposed between a first electrode 300 and a second electrode 411. A magnitude of a current through the memory function body 113 changes on applying a prescribed voltage between the first electrode 300 and the second electrode 411, and a storage state is discriminated according to the magnitude of the current. The silver particles 103, which capture electric charges, are covered with the silver oxide 104 that serves as a barrier against the passage of electric charges, and therefore, the memory function body 113 can stably retain electric charges at the normal temperature.